

Office of the State Treasurer and Receiver General
Job Description

Title: MARIS Software Developer

Department: Retirement Board

**Reports To: Manager of Information
Systems**

I. PURPOSE OF POSITION

The Massachusetts State Retirement Board (MSRB) administers a defined benefit retirement plan (Massachusetts State Employees Retirement System) for eligible employees and retirees of the Commonwealth and certain independent entities.

The Software Developer will analyze, design, develop and support the MSRB's web-based MARIS (Massachusetts Retirement Information System) pension application. The Software Developer will work directly with Business Analysts and the Support team to design and develop application functions and features.

II. ESSENTIAL FUNCTIONS AND RESPONSIBILITIES

- Interact with Business Analysts to understand business requirements and how they translate to new application features
- Convert business requirements to technical specifications and designs
- Design, develop and maintain efficient, reusable and reliable code
- Ensure the best possible performance, quality and application responsiveness
- Identify bottlenecks and devise solutions to mitigate and address these issues
- Maintain code quality and organization
- Troubleshoot and triage issues to drive towards root cause identification and resolution
- Maintain code using change control software
- Perform unit and integration testing
- Develop technical documents including design and unit testing documents
- Operate within Software Development Life Cycle (SDLC) best practices and processes to deliver high-quality code per the defined schedule
- Design, develop and test the solution for data Problem Incident Reports and provide the required fix to address the issue
- Work with Business Analysts, Support Team and End Users to research and resolve issues. End-to-end support for build, deployment, and operational activities.

III. OTHER DUTIES AND RESPONSIBILITIES

- Support MARIS related projects
- Assist all other Retirement Board departments when necessary

IV. SUPERVISORY RESPONSIBILITIES

N/A

IV. KNOWLEDGE AND SKILLS Ideal Candidate will have

- Bachelor's Degree in Computer Science or related field
- 3+ years of software development experience utilizing Microsoft .NET and related technologies
- Proficient in C#, JavaScript, ASP.Net, HTML and XML
- Strong Windows Presentation Foundation (WPF) and Model-view-viewmodel (MVVM) knowledge
- Strong understanding of object-oriented programming
- Understanding of fundamental design principles for building scalable applications
- Proficiency with code versioning tools and Microsoft Team Foundation Server
- Experience creating database schemas that support business processes
- Experience in data analysis and modeling
- Ability to write efficient SQL queries and stored procedures as well as troubleshoot and optimize existing SQL code in Oracle and SQL Server (SQL Server 2012 or higher)
- Knowledge in data warehousing/ETL concepts. Experienced with extract, transform, and load (ETL) processes.
- Experience in software development life cycle (SDLC) including requirements definition, prototyping, design, coding, testing and maintenance
- Strong in GUI design of business applications
- Experience in performance tuning and load balancing
- Experience in Electronic Content Management (ECM) tools preferably OnBase, FileNet, or other industry leading ECM tools
- Experience in Agile methodology and practices
- Must possess strong analytical and problem-solving skills with attention to detail
- Excellent communication and time management skills
- Proven experience collaborating with business users and IT teams to interpret user needs
- Pension and retirement systems domain expertise preferred